

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108327.D
 Acq On : 21 Aug 2018 9:57
 Operator : JU/SJ
 Sample : J4500-12RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Aug 21 11:28:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

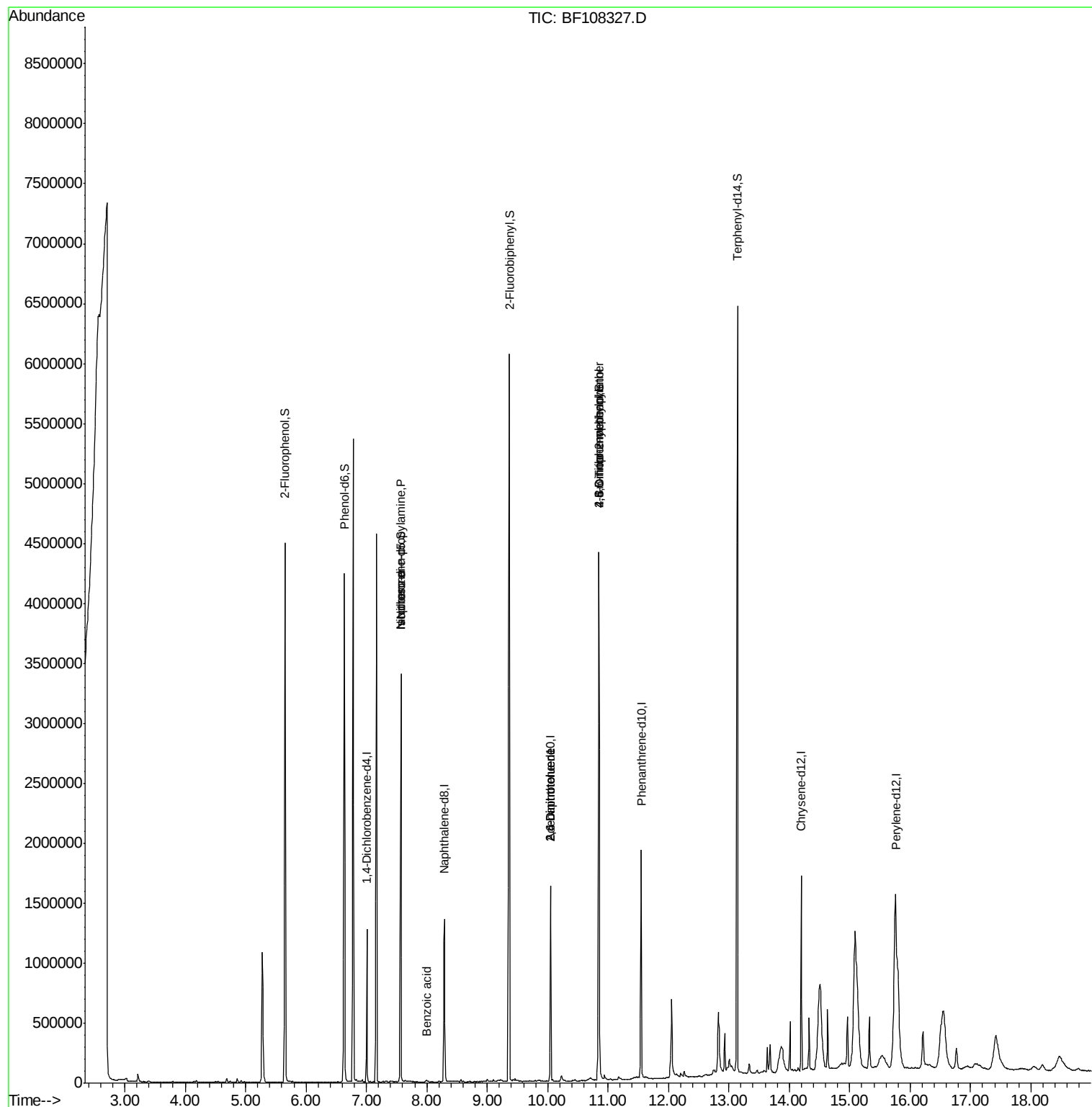
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	172142	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	638646	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	328004	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	682399	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	541185	20.00	ng	-0.02
86) Perylene-d12	15.76	264	338665	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1279636	134.58	ng	0.02
7) Phenol-d6	6.64	99	1540153	121.89	ng	0.00
23) Nitrobenzene-d5	7.57	82	1248738	109.11	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	598336	182.88	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2196565	107.51	ng	-0.01
78) Terphenyl-d14	13.14	244	2644097	124.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	171198	20.037	ng	# 82
25) Isophorone	7.57	82	1244262	57.038	ng	# 64
32) Benzoic acid	7.99	122	3115	6.460	ng	# 91
50) 2,6-Dinitrotoluene	10.05	165	42172	8.822	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	42172	6.854	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1288	5.805	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	40061	5.402	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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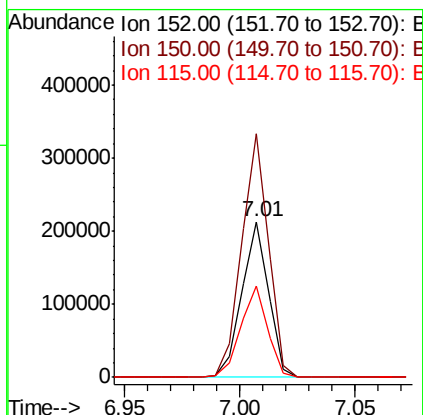
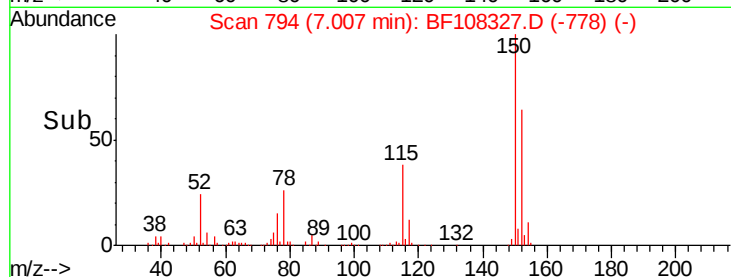
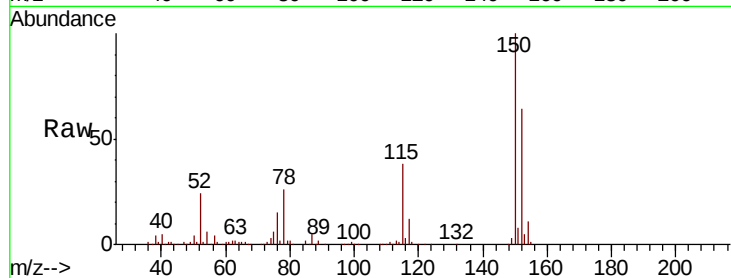


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

Instrument :
BNA_F
ClientSampleId :
TP-6

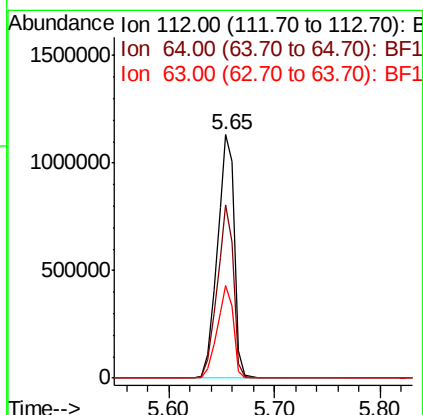
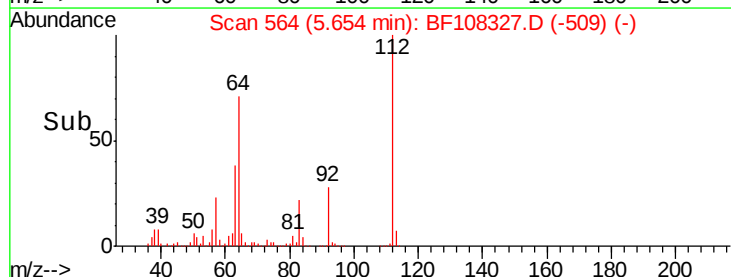
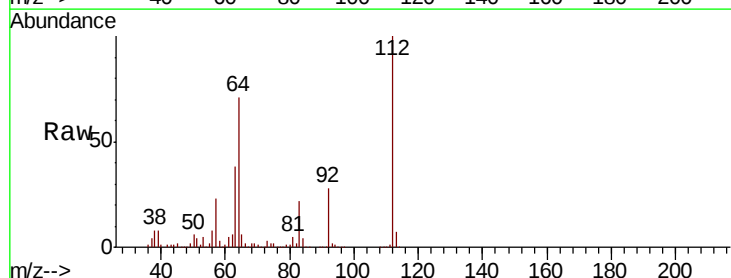
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.7	50.1	75.1



#5

2-Fluorophenol
Concen: 134.582 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	37.8	23.7	35.5#





#7

Phenol-d6

Concen: 121.894 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108327.D

Acq: 21 Aug 2018 9:57

Instrument :

BNA_F

ClientSampleId :

TP-6

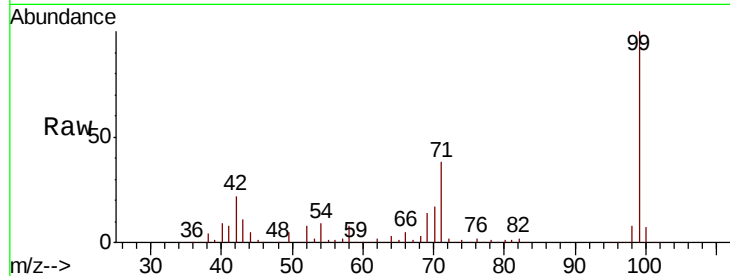
Tot Ion: 99 Resp: 1540153

Ion Ratio Lower Upper

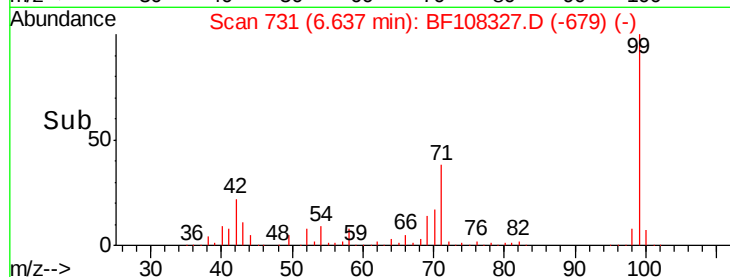
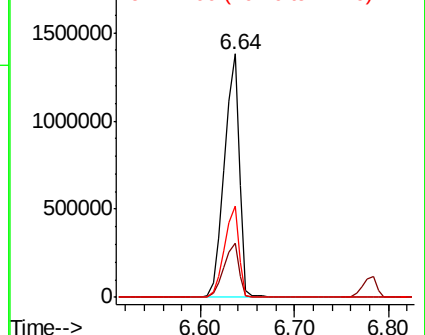
99 100

42 22.5 14.5 21.7#

71 37.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 20.037 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108327.D

Acq: 21 Aug 2018 9:57

Tgt Ion: 70 Resp: 171198

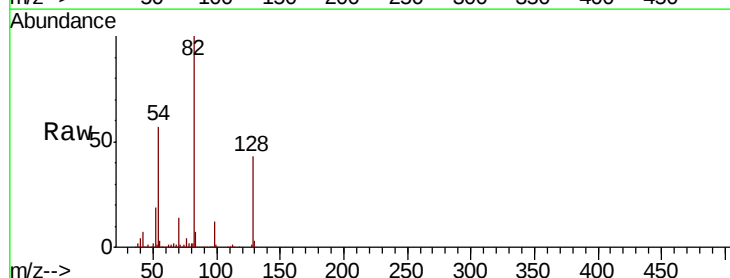
Ion Ratio Lower Upper

70 100

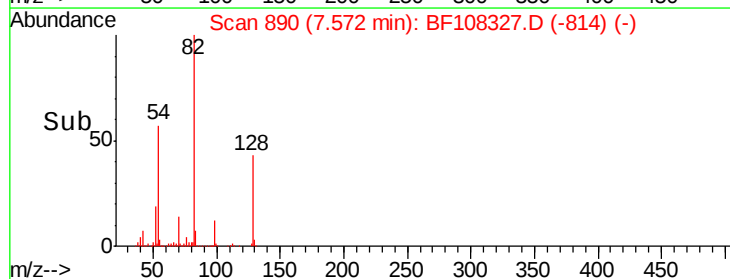
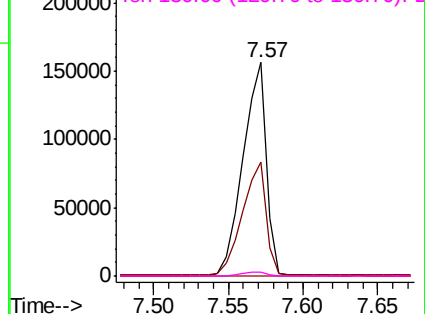
42 53.1 47.5 71.3

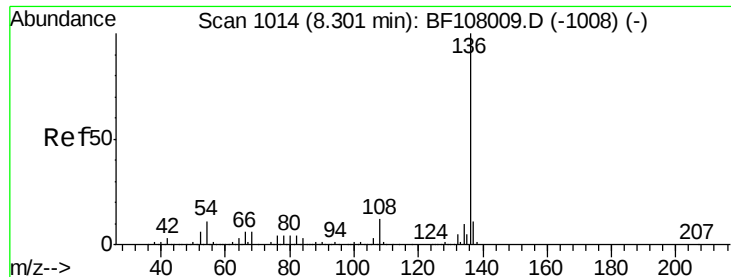
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

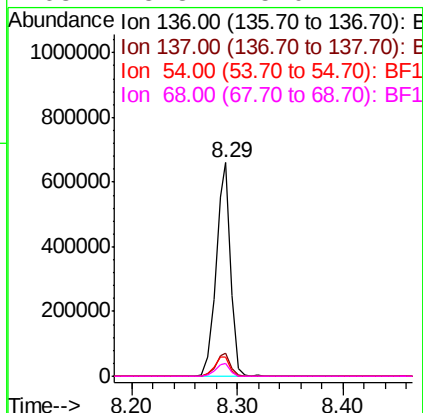
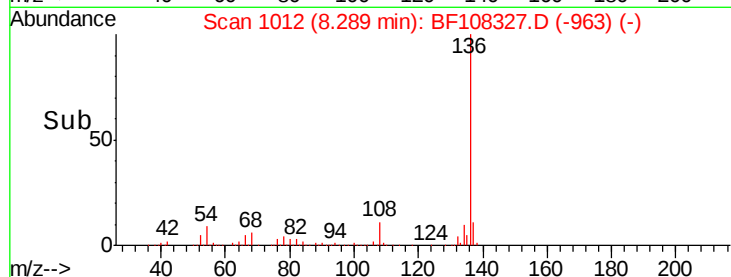
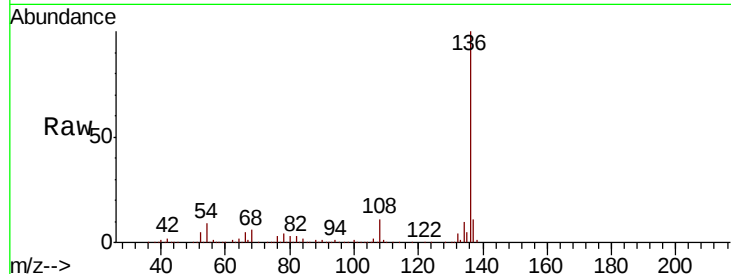




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

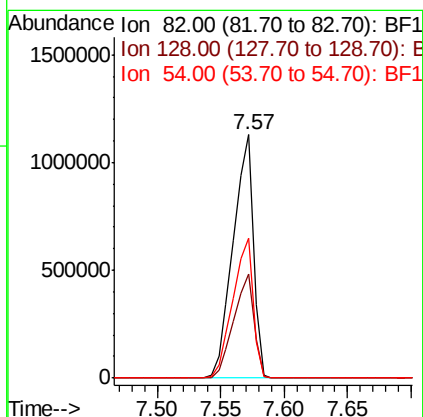
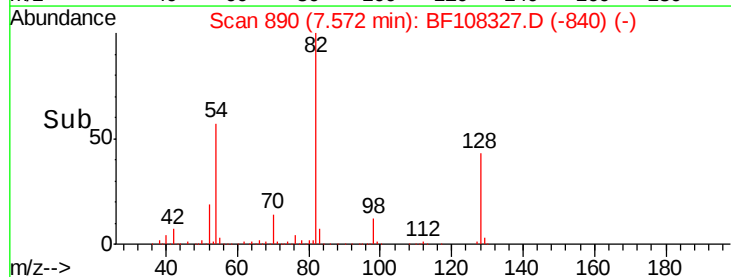
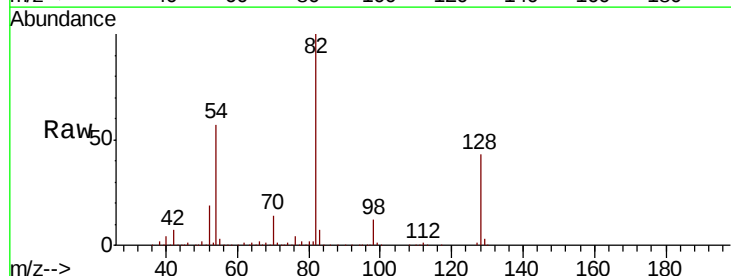
Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:136	Resp:	638646
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	9.0	6.6 9.8
68	5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 109.108 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

Tgt Ion: 82	Resp:	1248738
Ion	Ratio	Lower Upper
82	100	
128	42.7	36.1 54.1
54	57.4	41.4 62.2

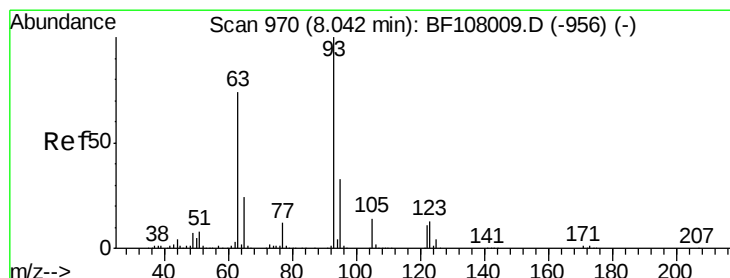
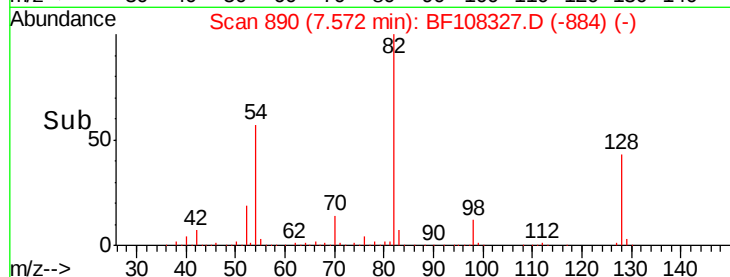
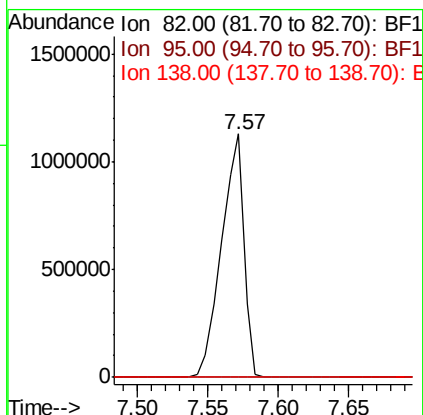
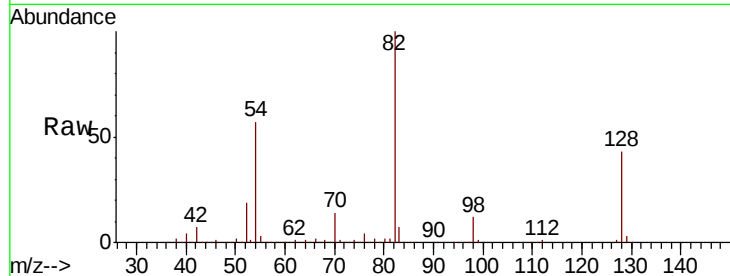




#25
Isophorone
Concen: 57.038 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

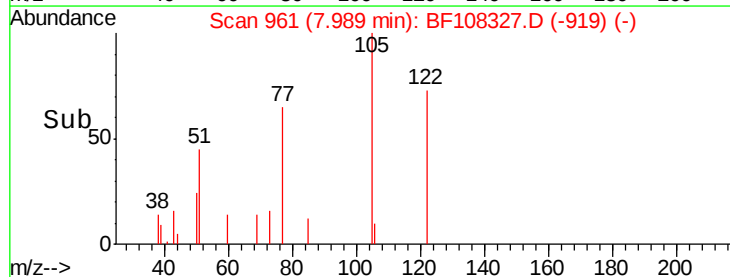
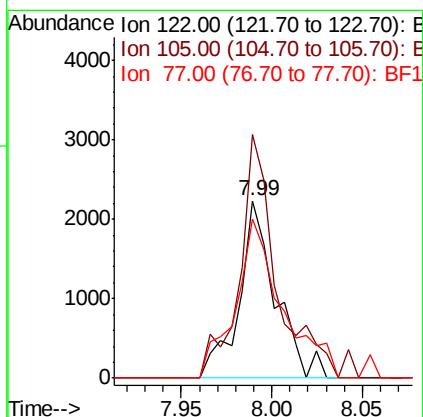
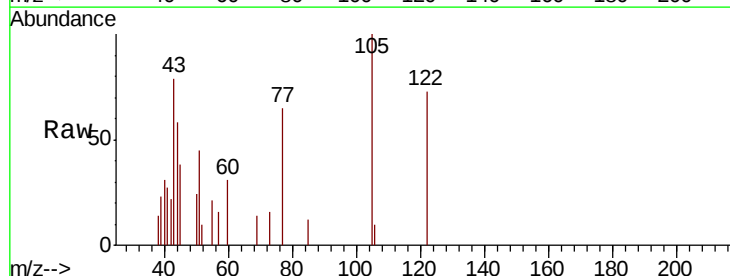
Instrument :
BNA_F
ClientSampleId :
TP-6

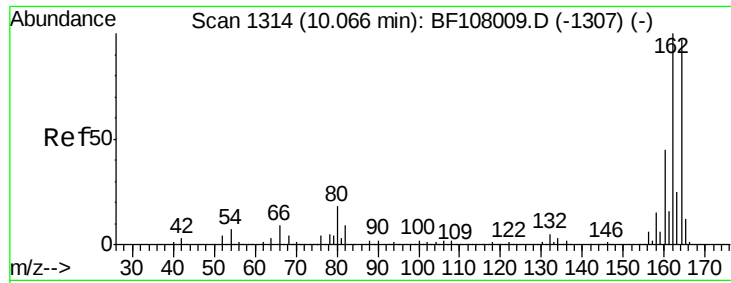
Tot Ion: 82 Resp: 1244262
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.460 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108327.D
Acq: 21 Aug 2018 9:57

Tgt Ion:122 Resp: 3115
Ion Ratio Lower Upper
122 100
105 137.2 101.1 141.1
77 89.7 70.7 110.7

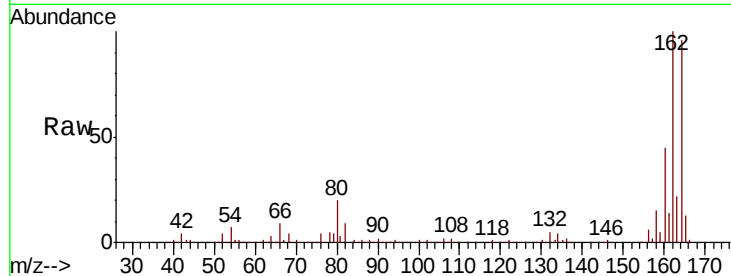




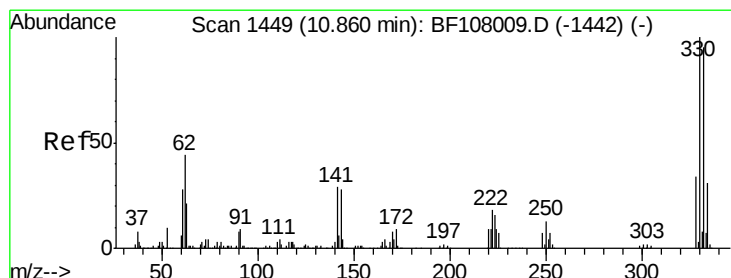
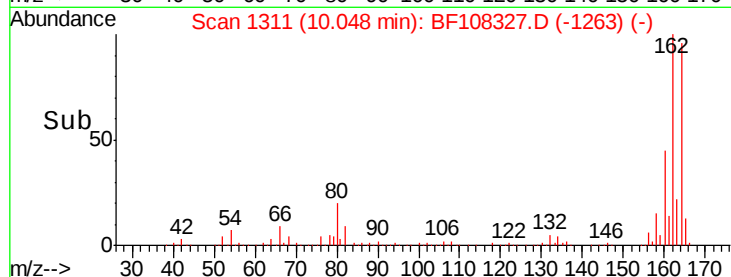
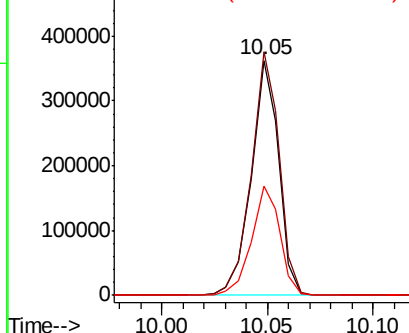
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion:164 Resp: 328004
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.4 38.3 57.5

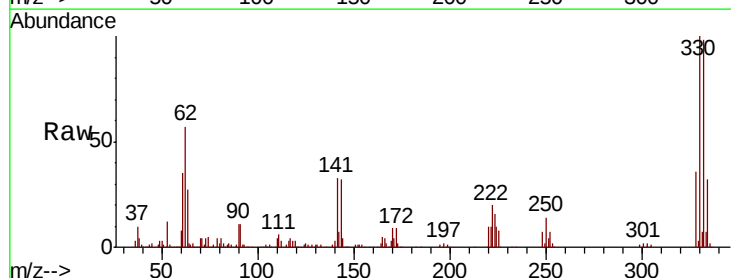


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

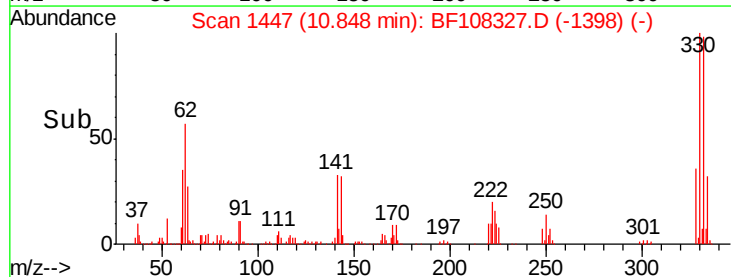
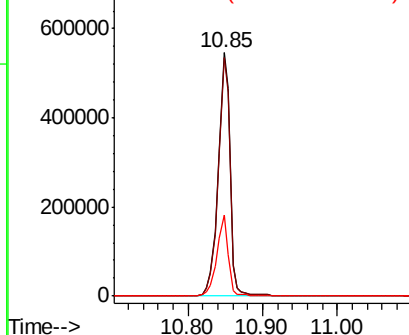


#41
 2,4,6-Tribromophenol
 Concen: 182.879 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Tgt Ion:330 Resp: 598336
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 31.6 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

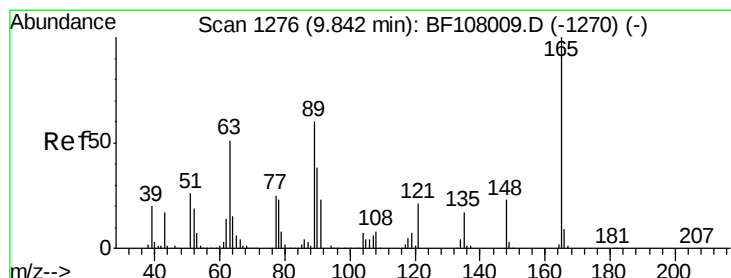
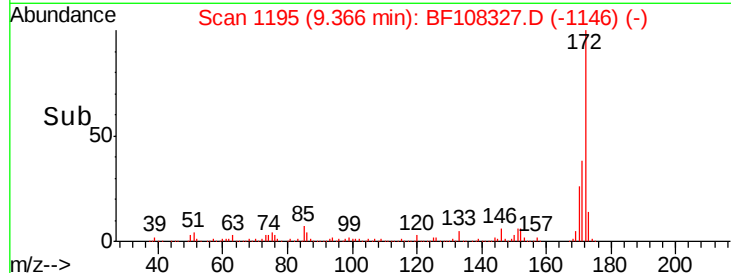
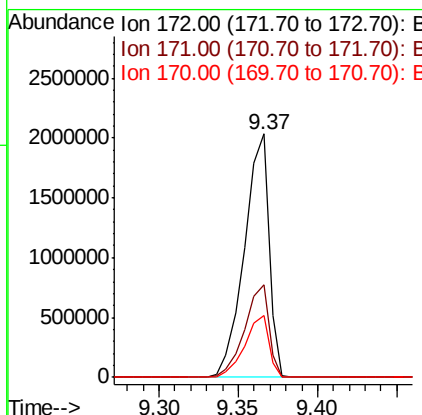
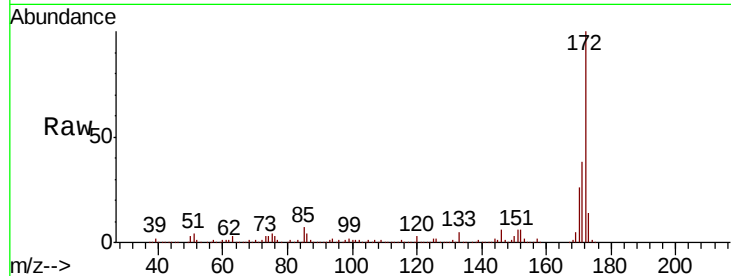




#44
 2-Fluorobiphenyl
 Concen: 107.514 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

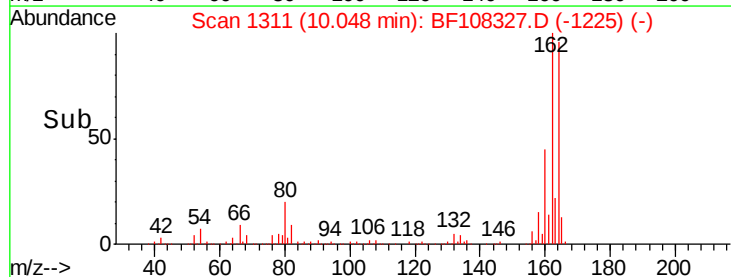
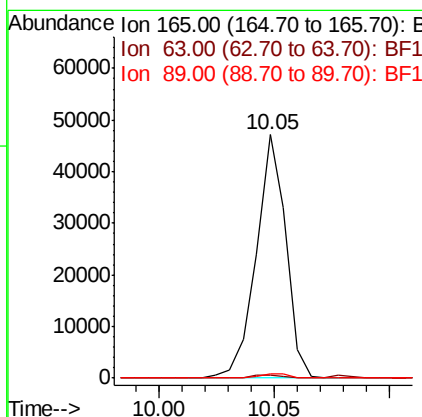
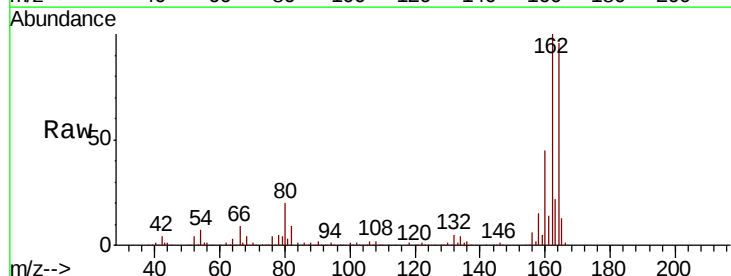
Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion:172 Resp: 2196565
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 25.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.822 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Tgt Ion:165 Resp: 42172
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.6 44.0 66.0#

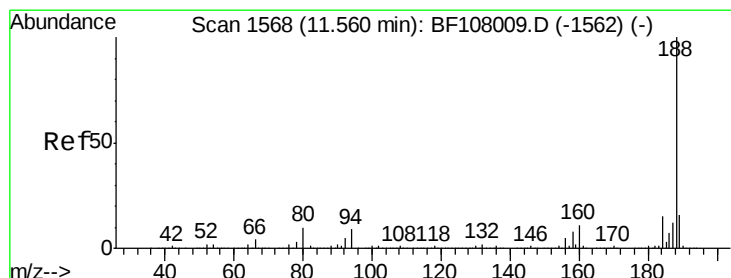
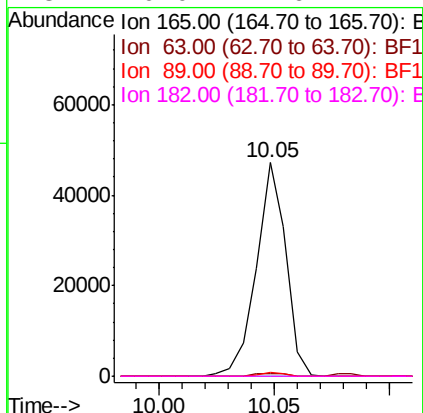
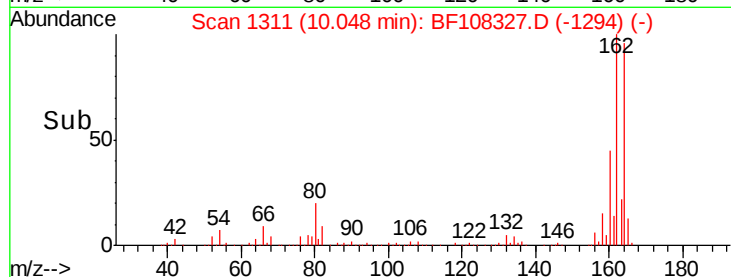
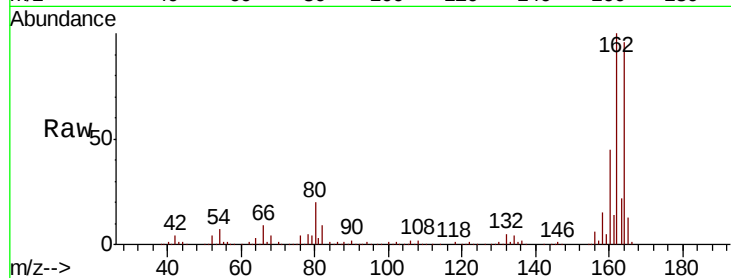




#56
 2,4-Dinitrotoluene
 Concen: 6.854 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

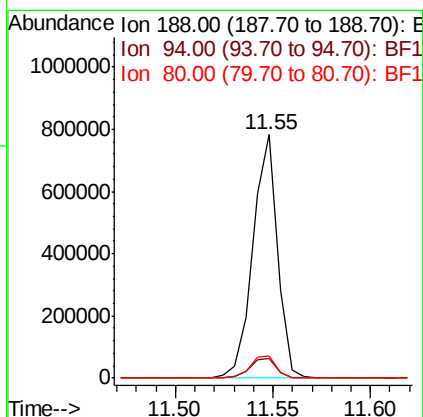
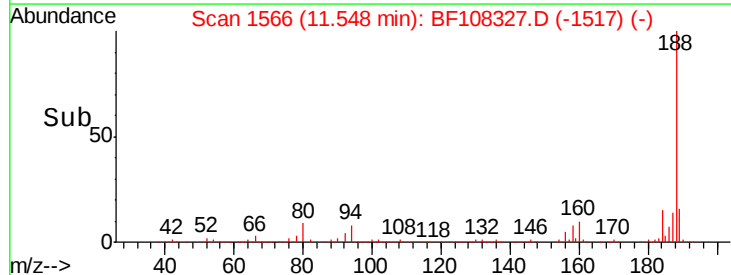
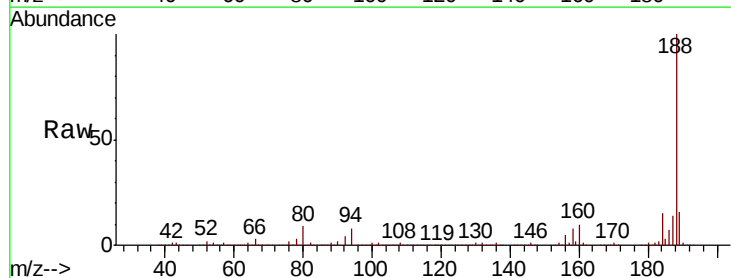
Instrument :
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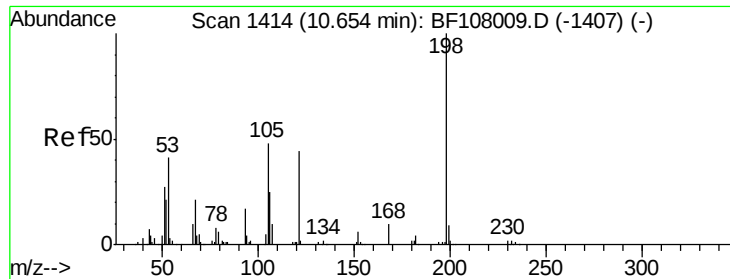
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#

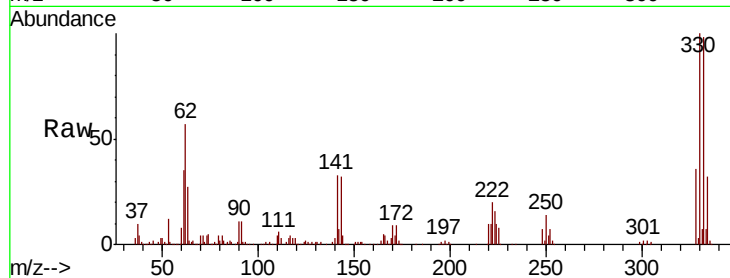




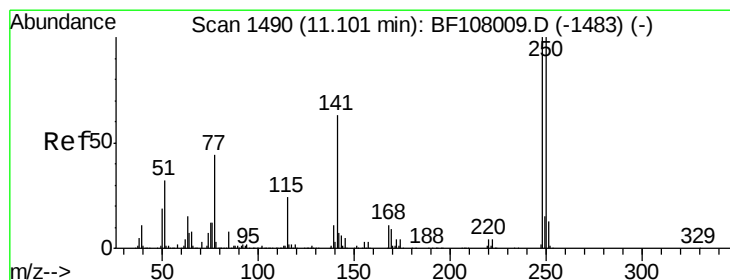
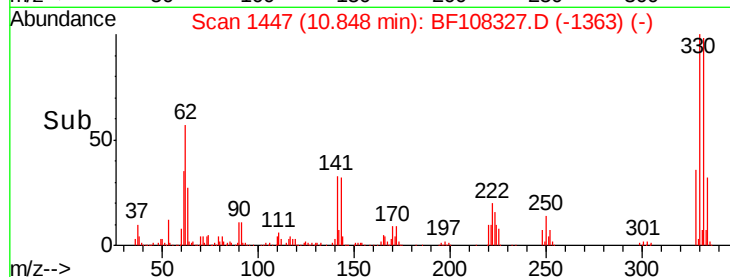
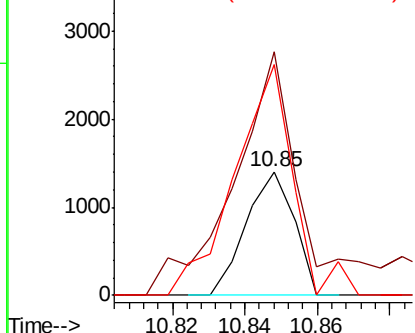
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.805 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion:198 Resp: 1288
 Ion Ratio Lower Upper
 198 100
 51 196.9 37.7 77.7#
 105 186.5 36.3 76.3#

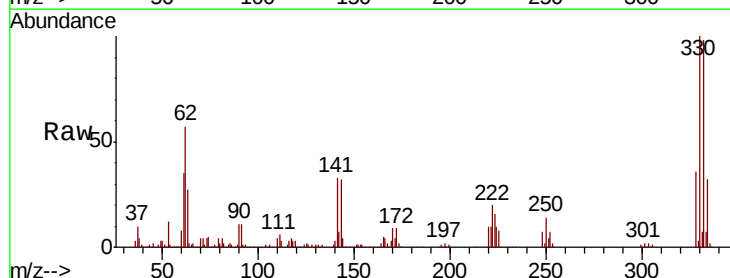


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

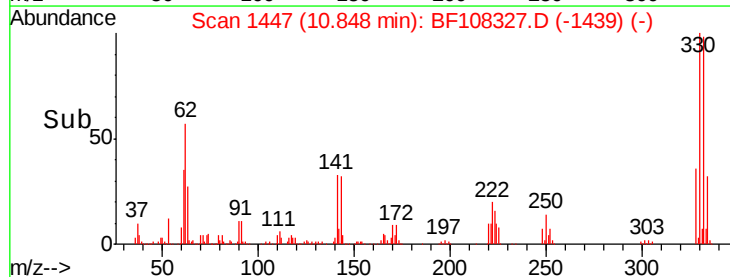
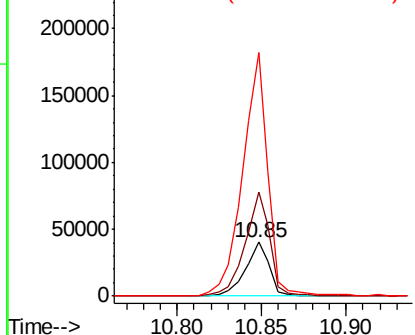


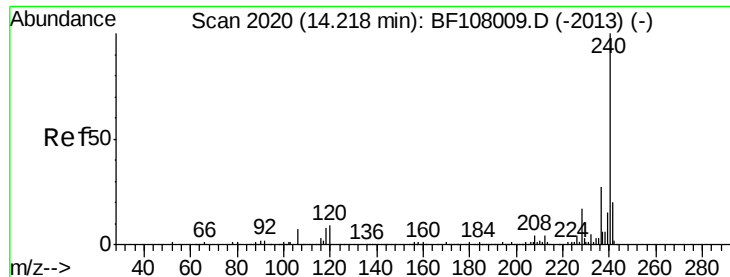
#66
 4-Bromophenyl-phenylether
 Concen: 5.402 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Tgt Ion:248 Resp: 40061
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 454.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF108327.D

Acq: 21 Aug 2018 9:57

Instrument :

BNA_F

ClientSampleId :

TP-6

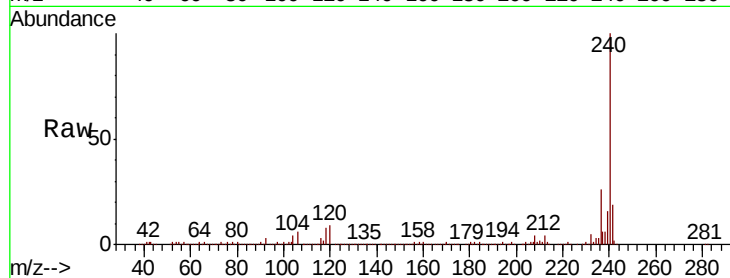
Tot Ion:240 Resp: 541185

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

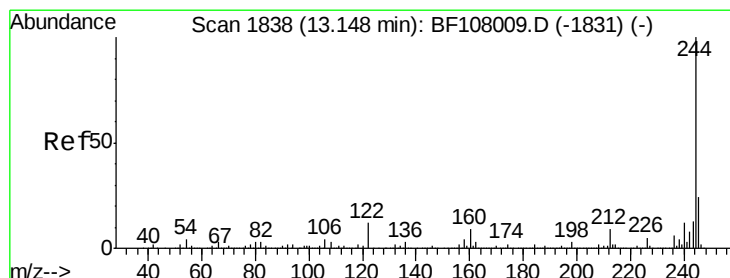
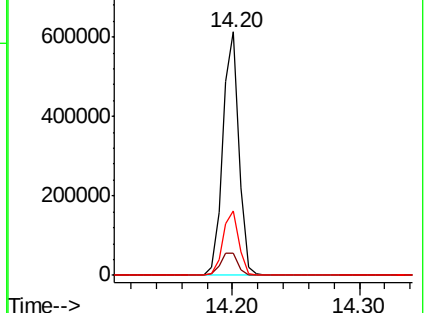
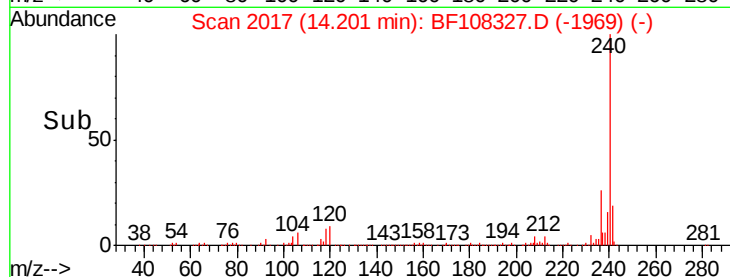
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 124.224 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108327.D

Acq: 21 Aug 2018 9:57

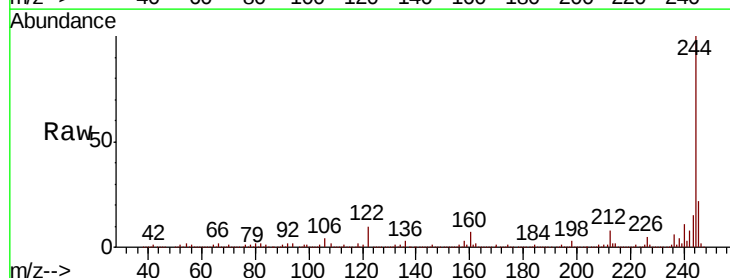
Tgt Ion:244 Resp: 2644097

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

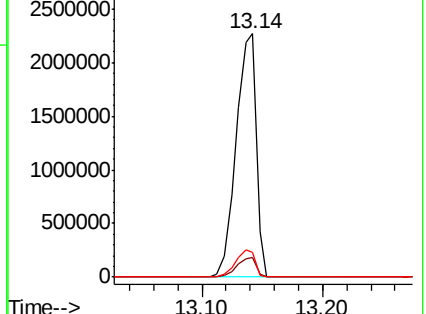
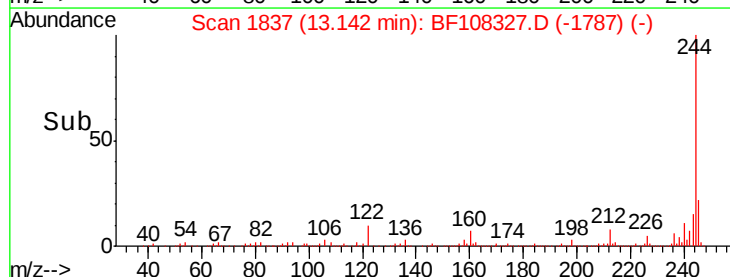
122 10.2 11.0 16.4#

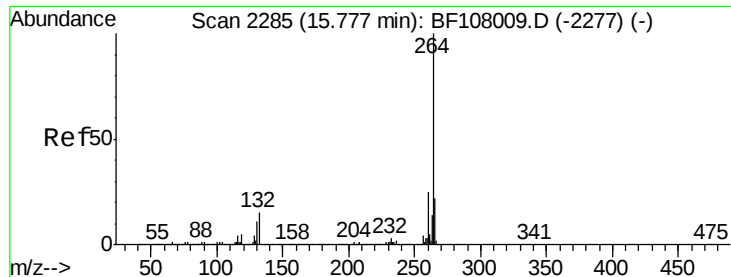


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

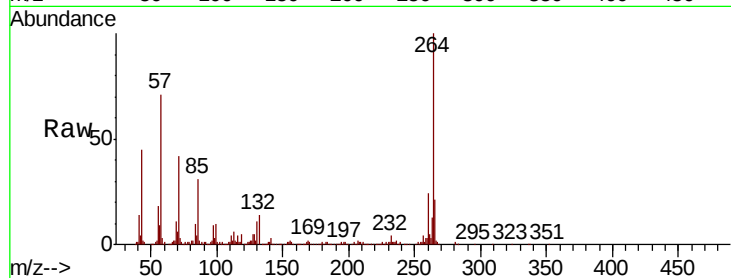




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BF108327.D
 Acq: 21 Aug 2018 9:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

